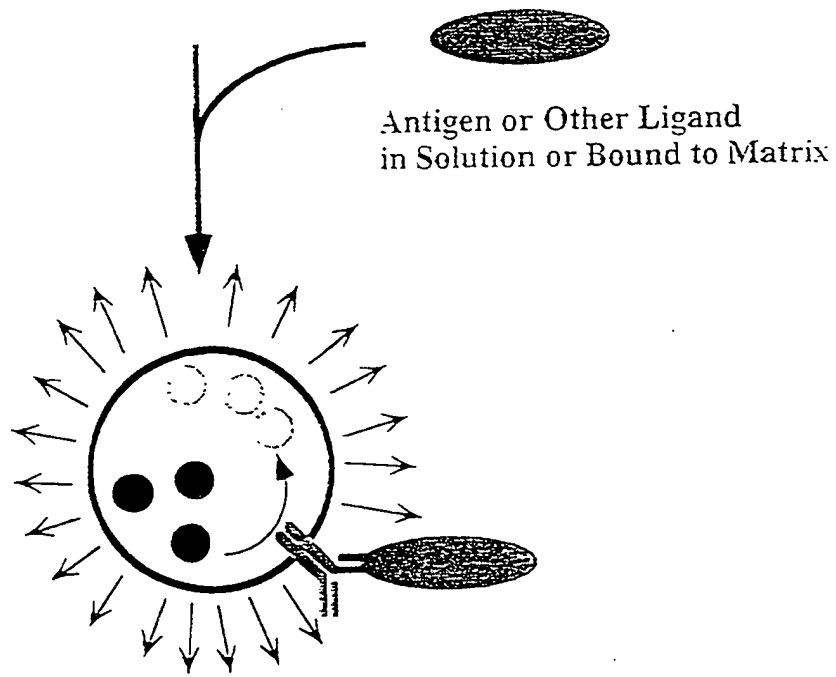


Unbound Biodetector



Bound Biodetector

FIGURE 1

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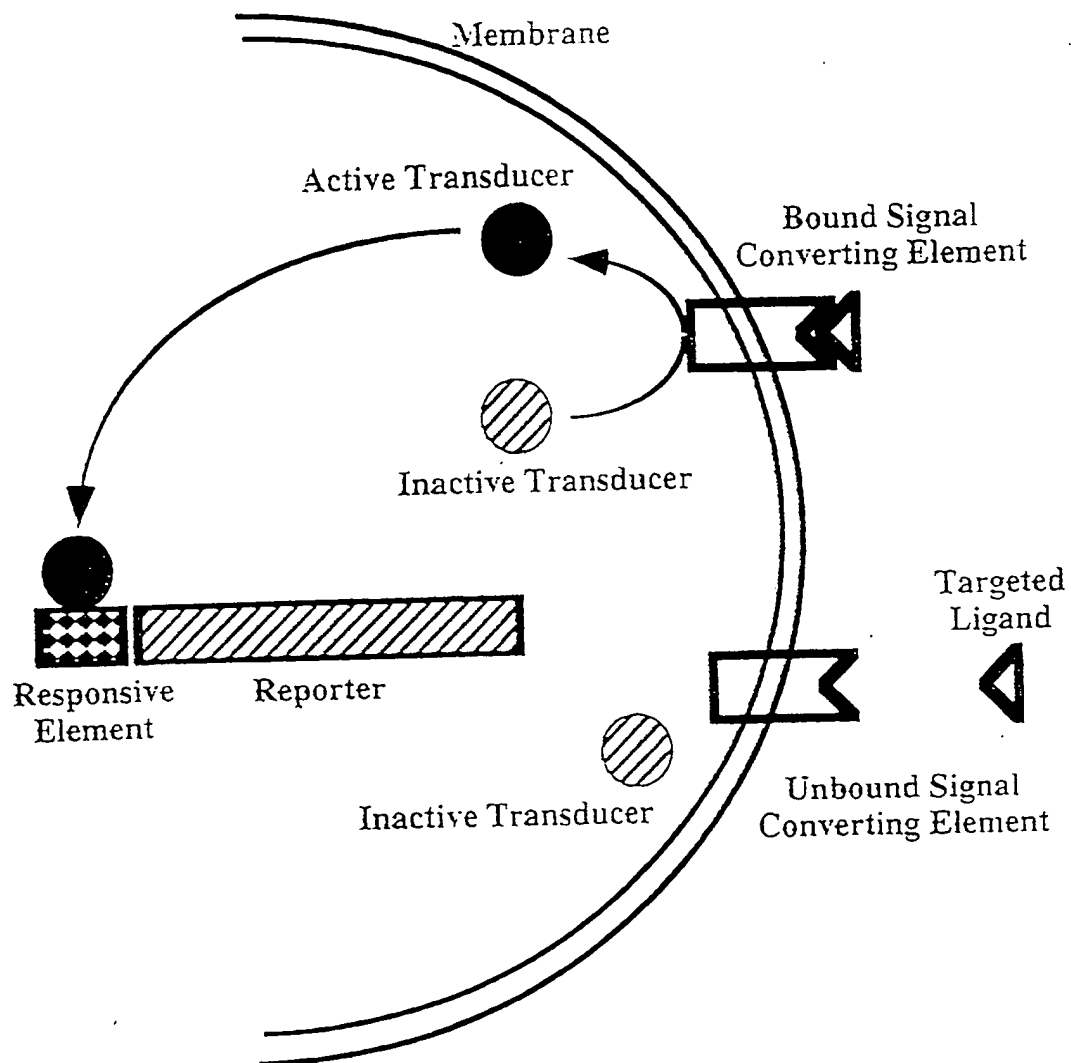


FIGURE 2

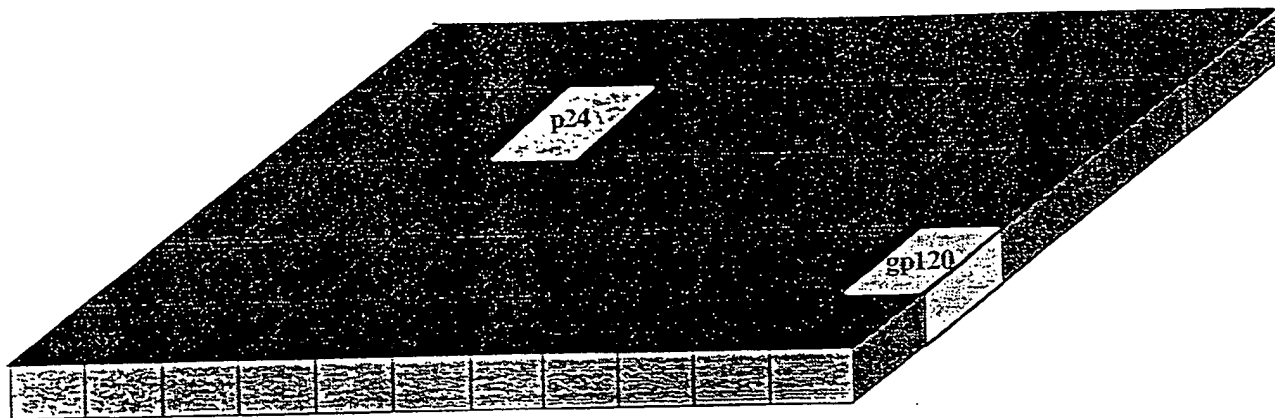
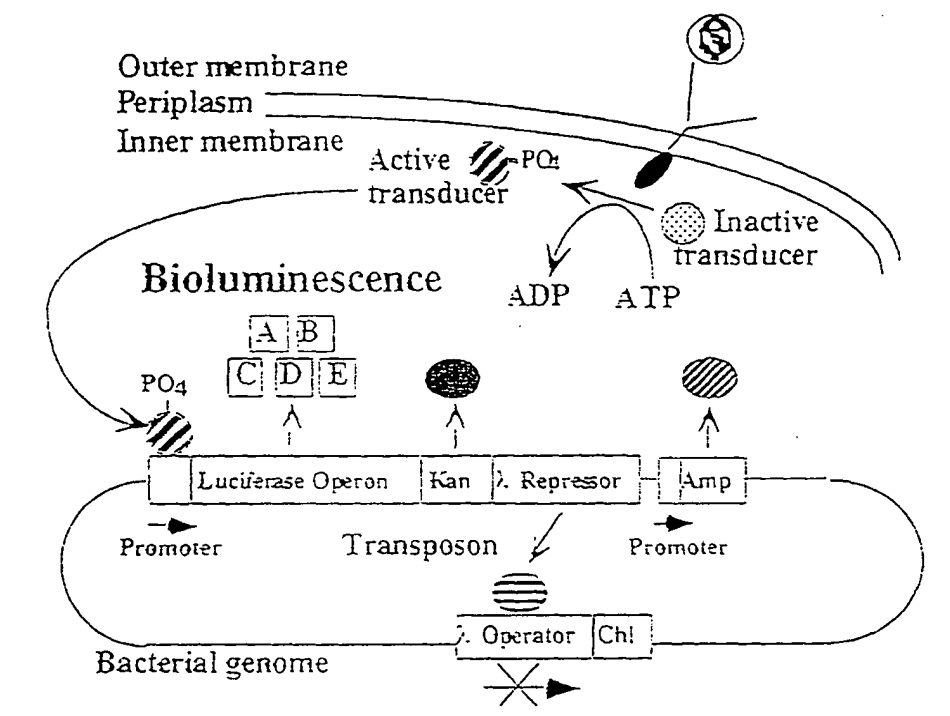


FIGURE 3

A. In the presence of ligand ( $\text{Amp}^r$ ,  $\text{Kan}^r$ ,  $\text{Chl}^s$  and bioluminescent).



B. In the absence of ligand ( $\text{Amp}^r$ ,  $\text{Chl}^r$ ,  $\text{Kan}^s$  and NOT bioluminescent)

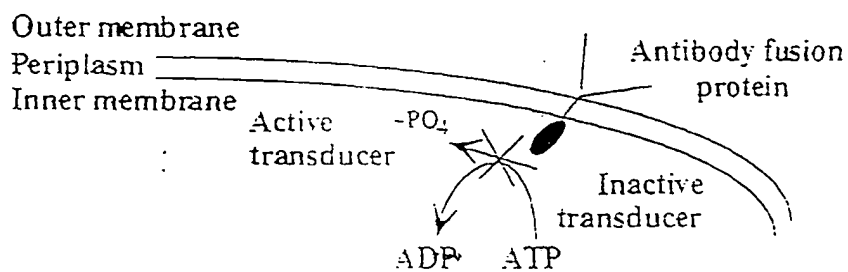


FIGURE 4

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# Effect of Human Blood on Signal from Bioluminescent *Salmonella*

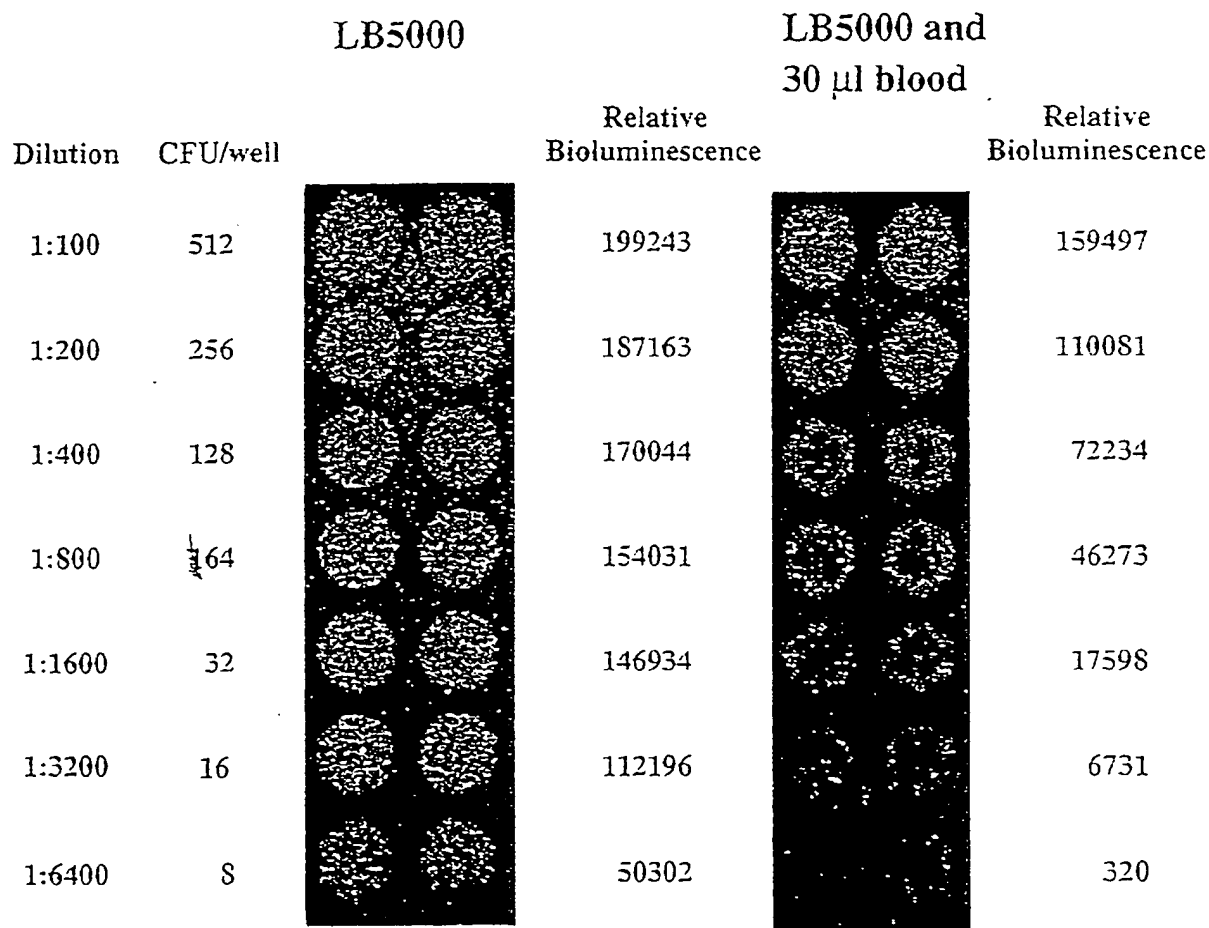


FIGURE 5